

METHOD AND SYSTEM FOR MODELING A TELECOMMUNICATION  
NETWORK

**ABSTRACT OF THE DISCLOSURE**

5           A technique for modeling a telecommunication network, such as a network of  
processors employed in a mobile switching center (MSC), is described. The modeling  
technique may derive outputs, such as bandwidth utilization, message load  
distribution, and processor utilization. To derive these outputs, the modeling  
technique may be provided inputs, such as a call model, network configuration, MSC  
10 architecture, and processor-specific data. The input and outputs of the modeling  
technique may be provided by various interfaces, including a graphical user interface  
(GUI).